

PATENT ABSTRACTS OF JAPAN

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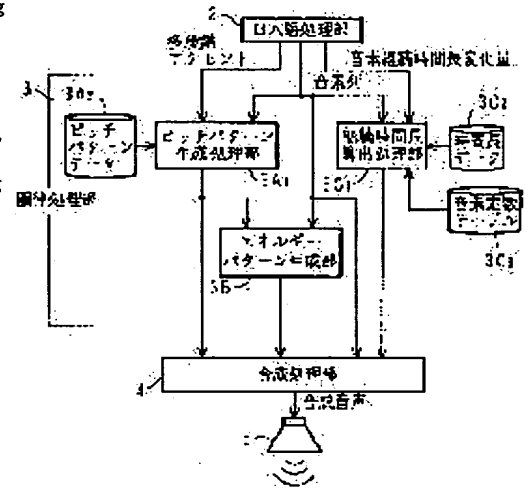
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(54) LONG SOUND PROCESSING SYSTEM OF SPEECH SYNTHESIZING DEVICE

(57)Abstract:

PURPOSE: To obtain a synthesized speech which is improved in naturalness for an input sentence containing long sounds.

CONSTITUTION: A Japanese processing part 2 finds phoneme rain data including even a long sound as one phoneme, multistage accent quantities of respective phonemes, and multistage continuance time length variation quantity data as to an input sentence; and individual pitch pattern data including the long sounds are prepared in a pitch pattern data file 3A1 for respective phonemes and the pitch patterns of long sounds discriminated from non-long sounds are generated by a generating process part 3A1. Even as for continuance time length, data on the long sounds are prepared in a continuance data file 3C2, the continuance is corrected distinctively from the non long sounds by a phoneme constant table 2C3 according to the variation quantity data, and then a synthesized speech of a long sound made distinctive from the non-long sound is obtained.



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